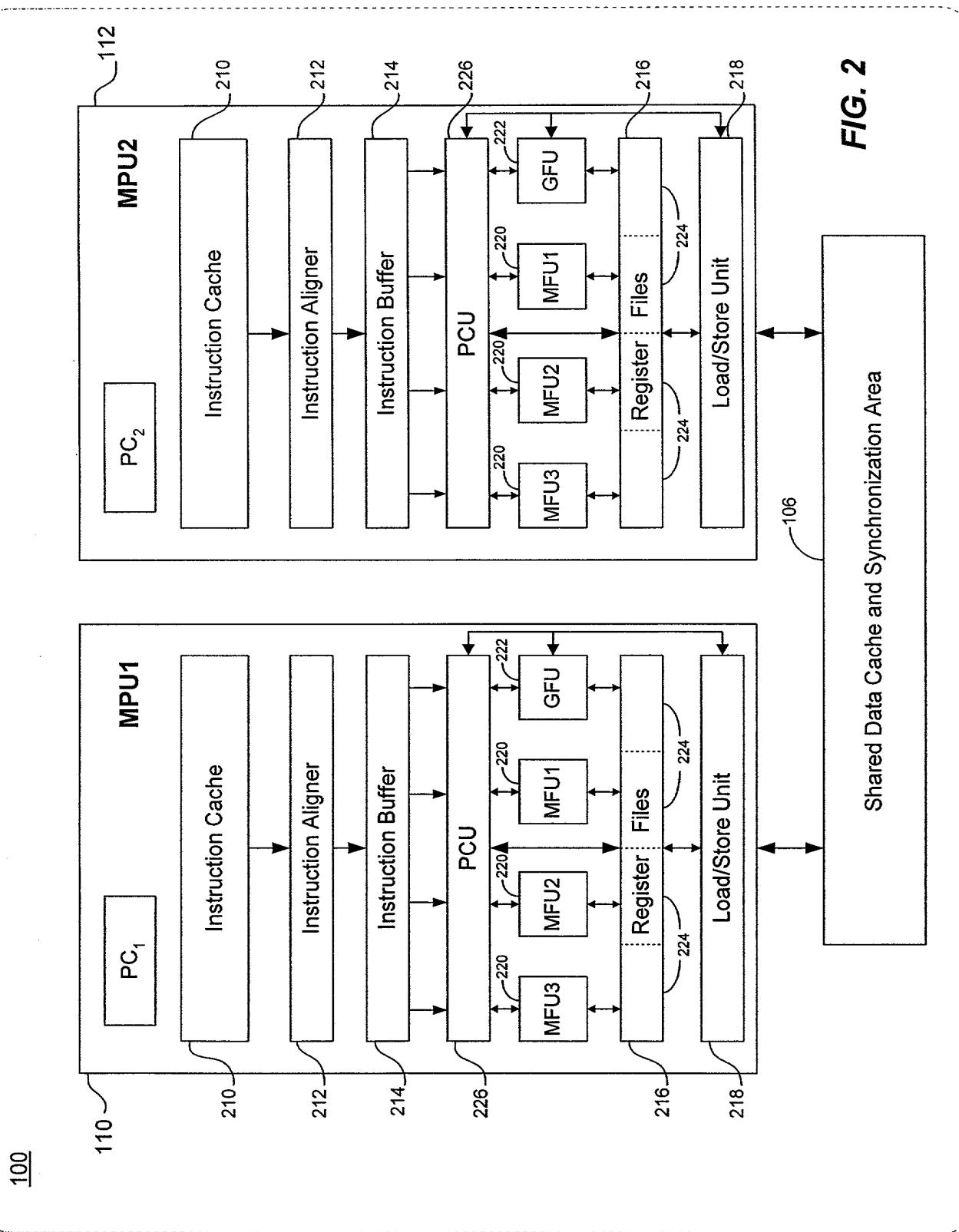


2/6



3/6

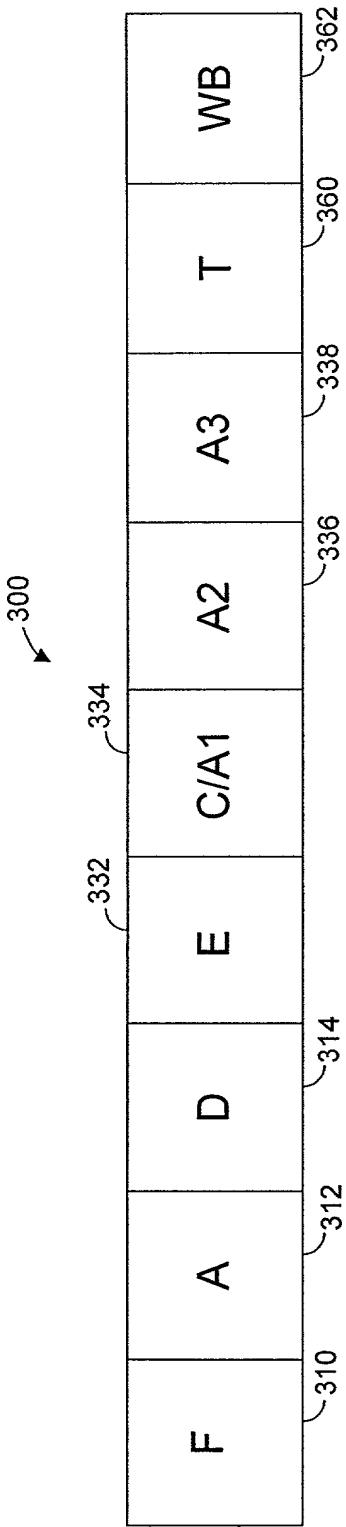


FIG. 3

4/6

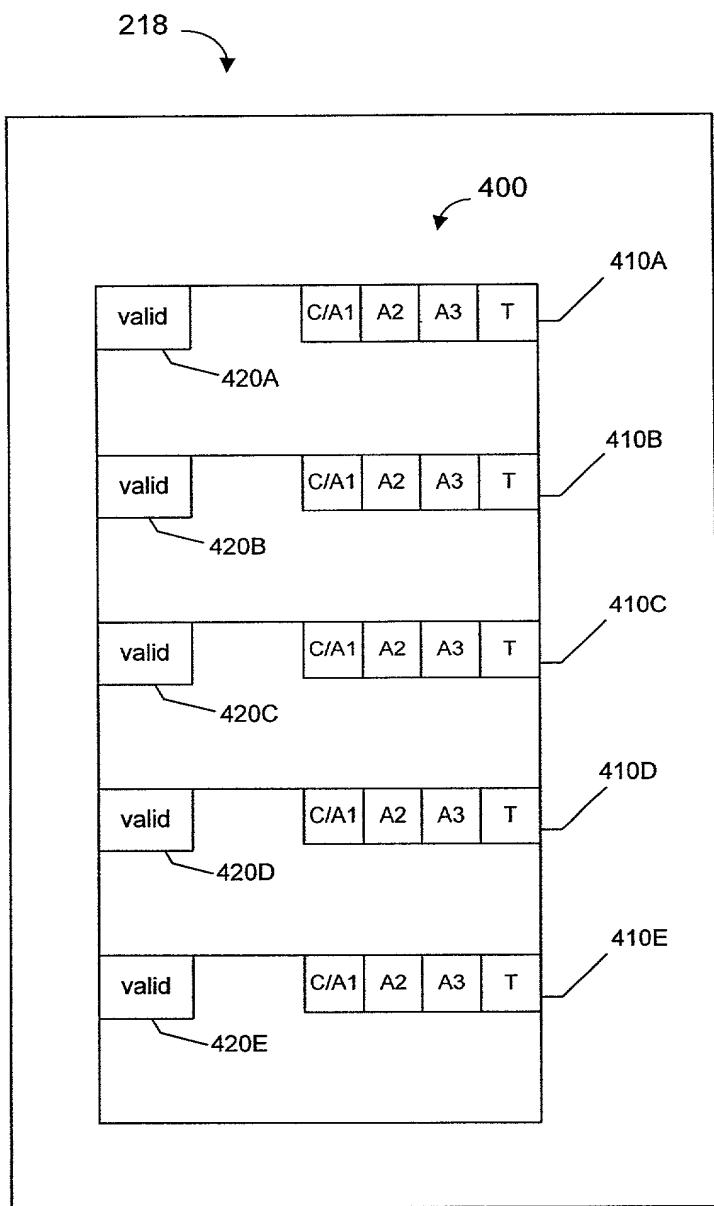


FIG. 4

5/6

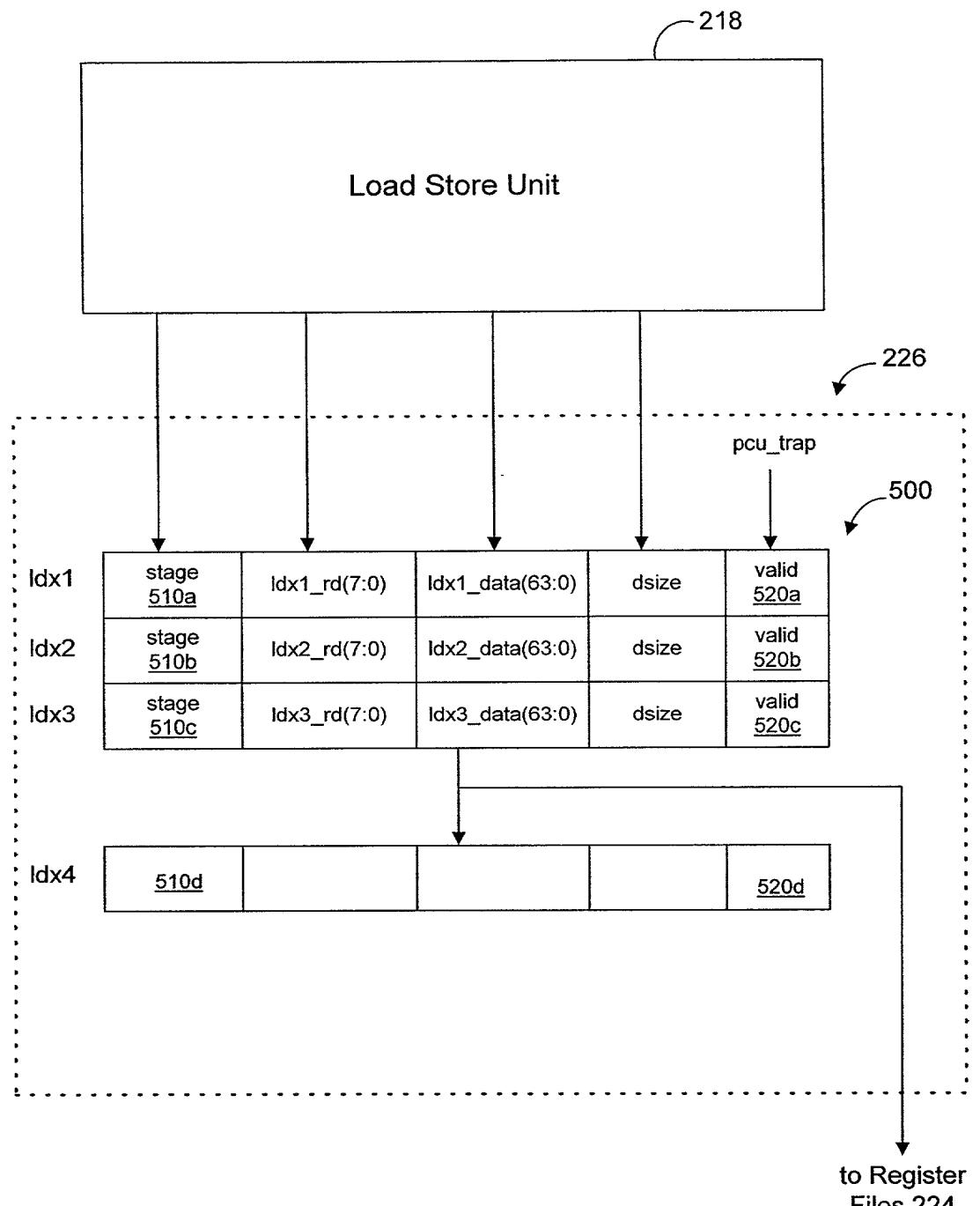


FIG. 5

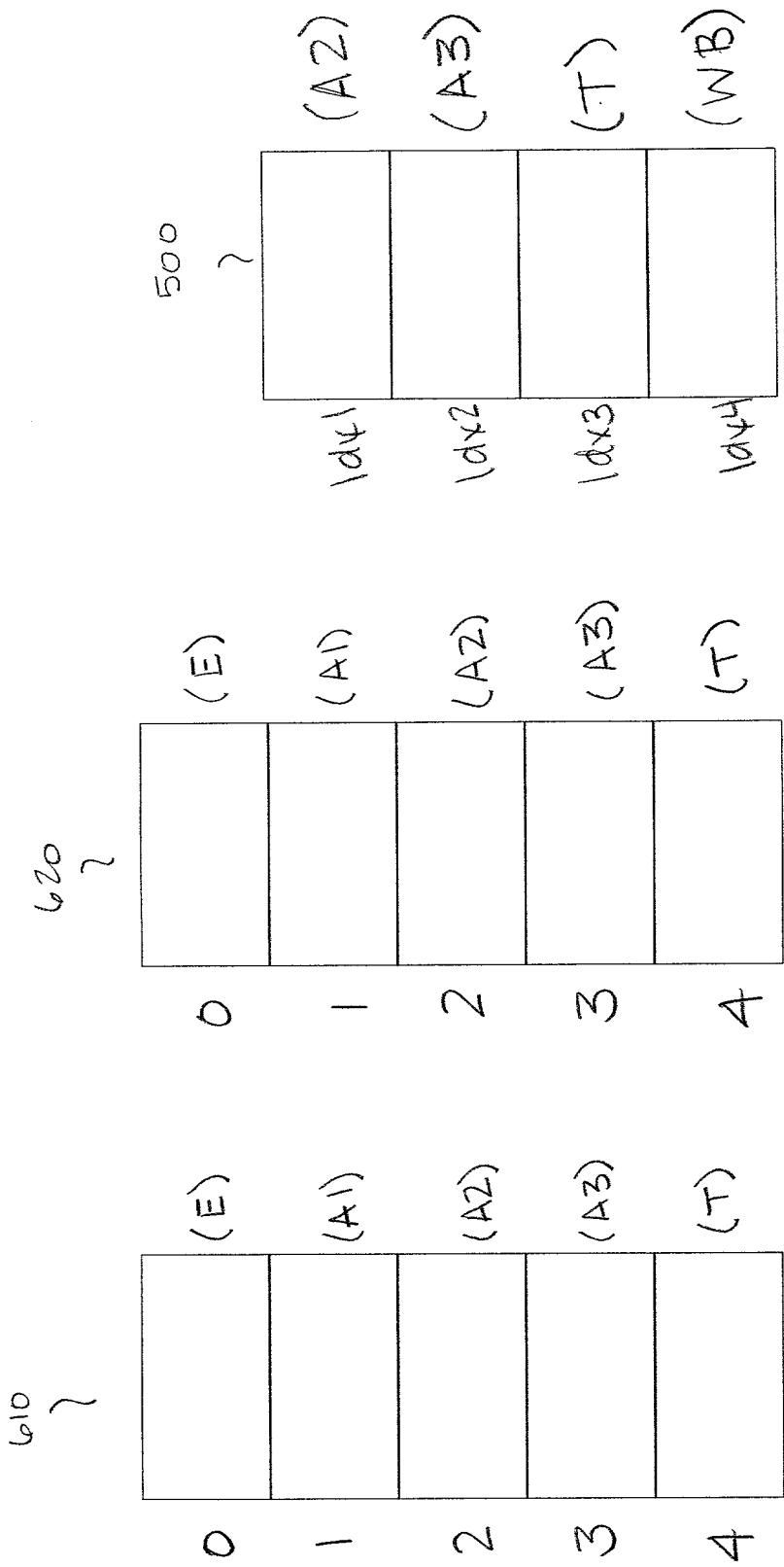
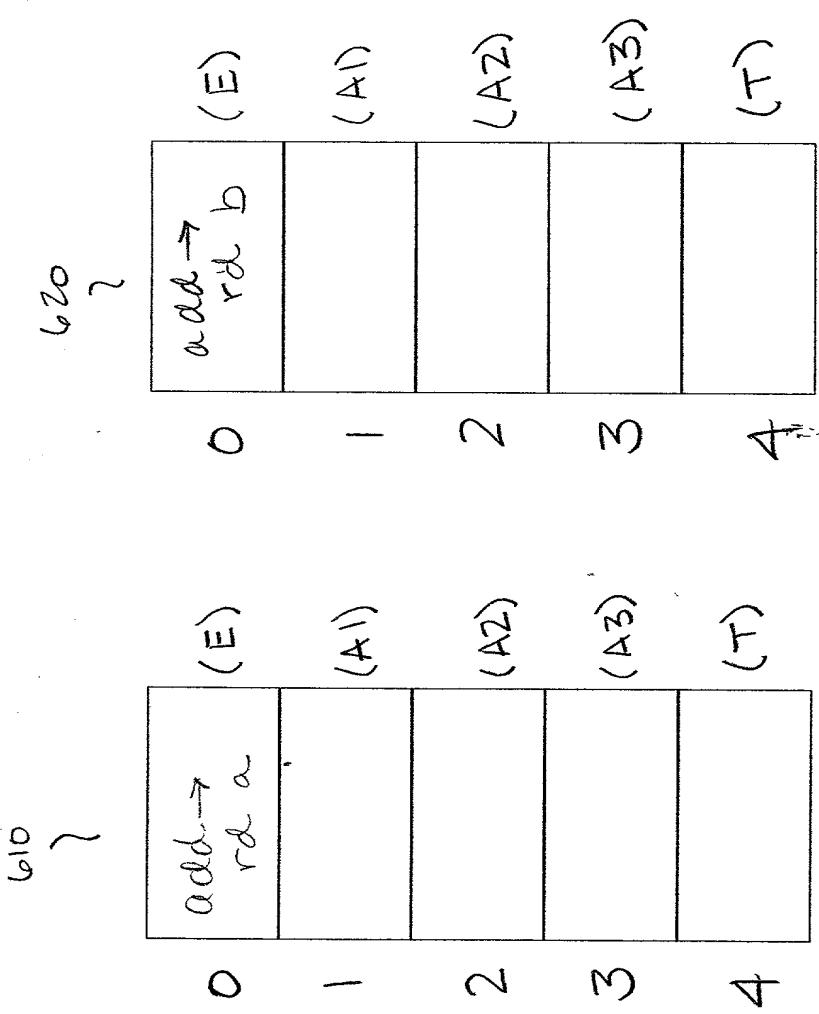


FIG. 6

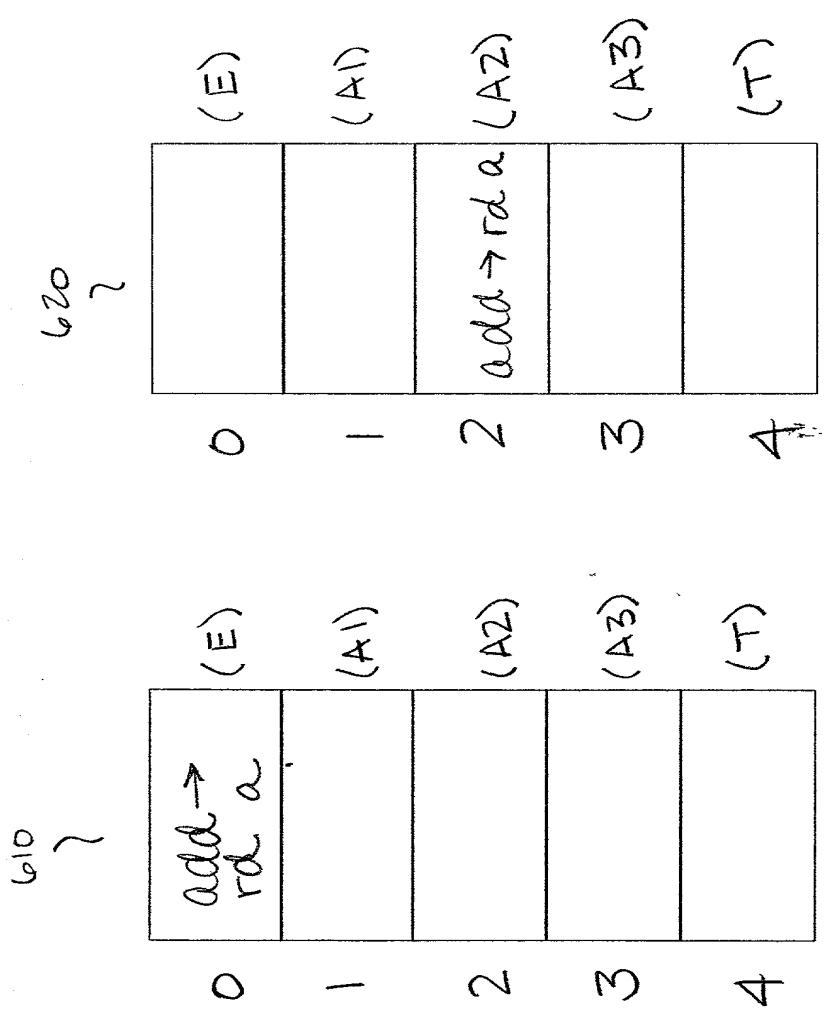
Attorney Docket No.: SP-5106 US
First Inventor: Sharada Yeluri
Title: Forwarding Load Data To Younger Instructions In Annex



GFU Annex

MFU Annex

FIG. 67



MFU Annex

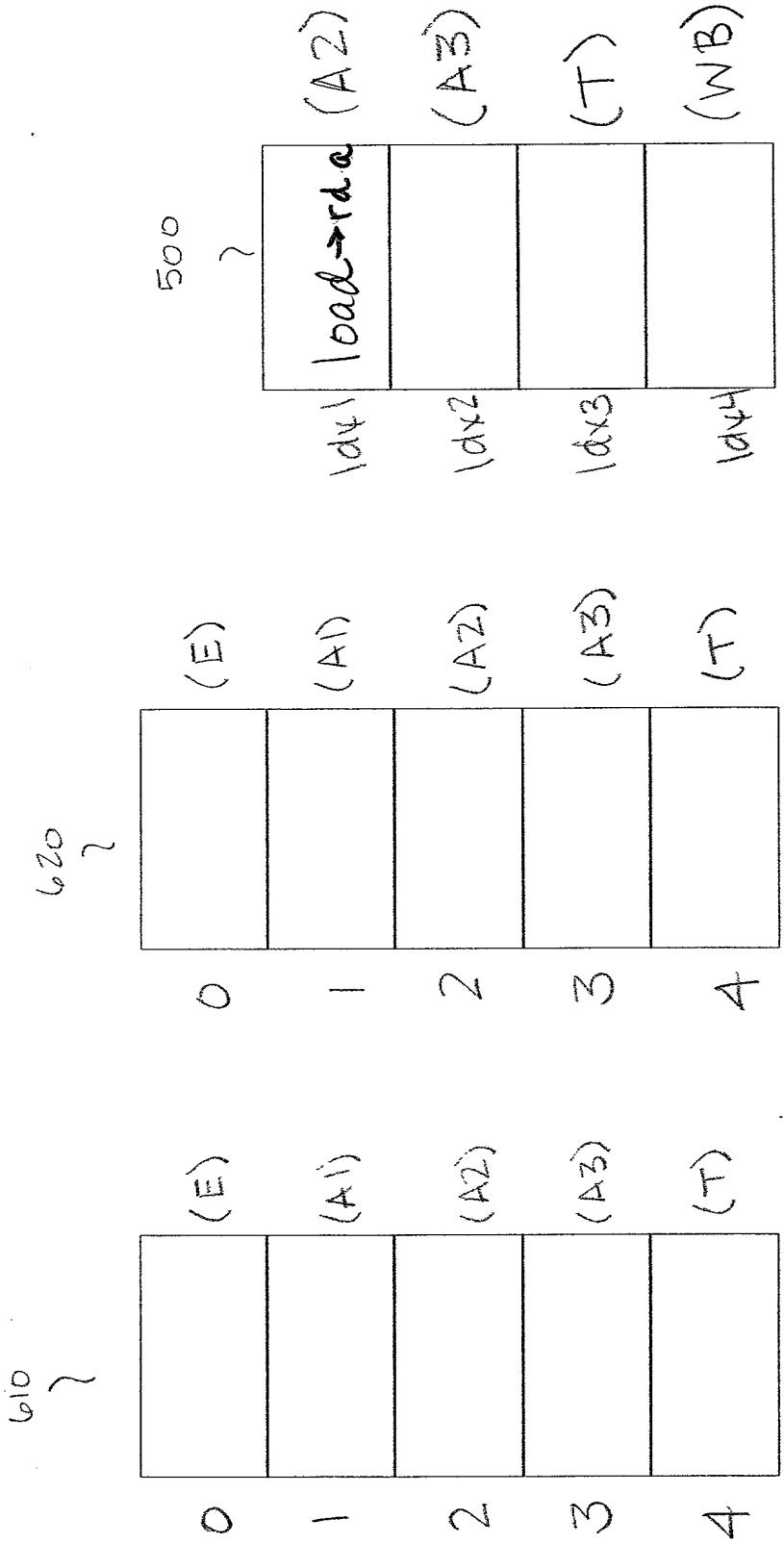
GFU Annex

FIG. 18

| Cycle | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|-------|---|---|---------------|--------------|--------------|-------------|----|----|----|----|----|----|
| (1) | D | E | C/A1 (ldx) | A2 (ldy2) | A3 (ldy3) | T (ldy4) | WB | | | | | |
| (2) | D | D | D | E | A1 | A2 | A3 | T | WB | | | |
| (3) | | | | D | E | A1 | A2 | A3 | T | WB | | |
| (4) | | | | D | E | A1 | A2 | A3 | T | WB | | |
| (5) | | | | D | E | A1 | A2 | A3 | T | WB | | |

Fig. 9

Cycle Annex - 610 620 500



GFU Annex

MFU Annex

Load Annex

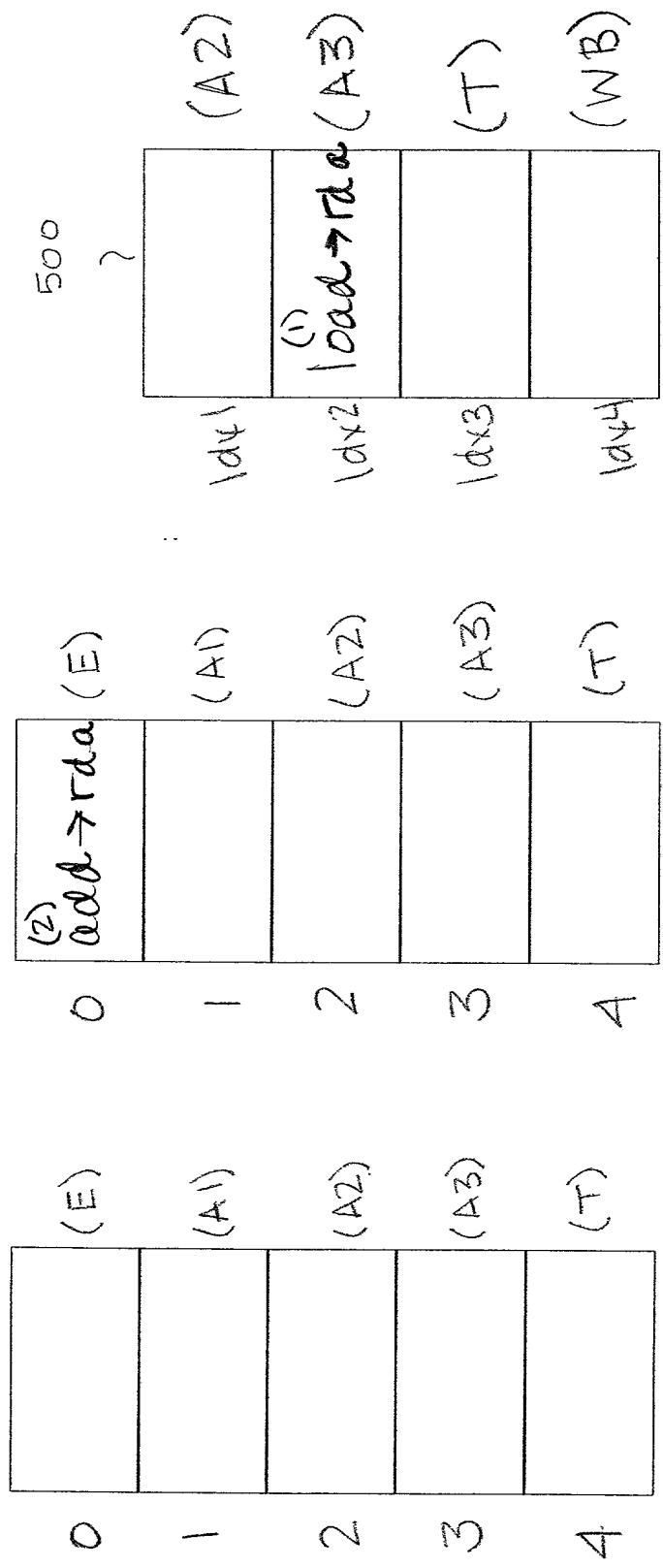
FIG. 610

Cycle 5

Memory = 0000000000000000

610

620



GFU Annex

MFU Annex

Load Annex

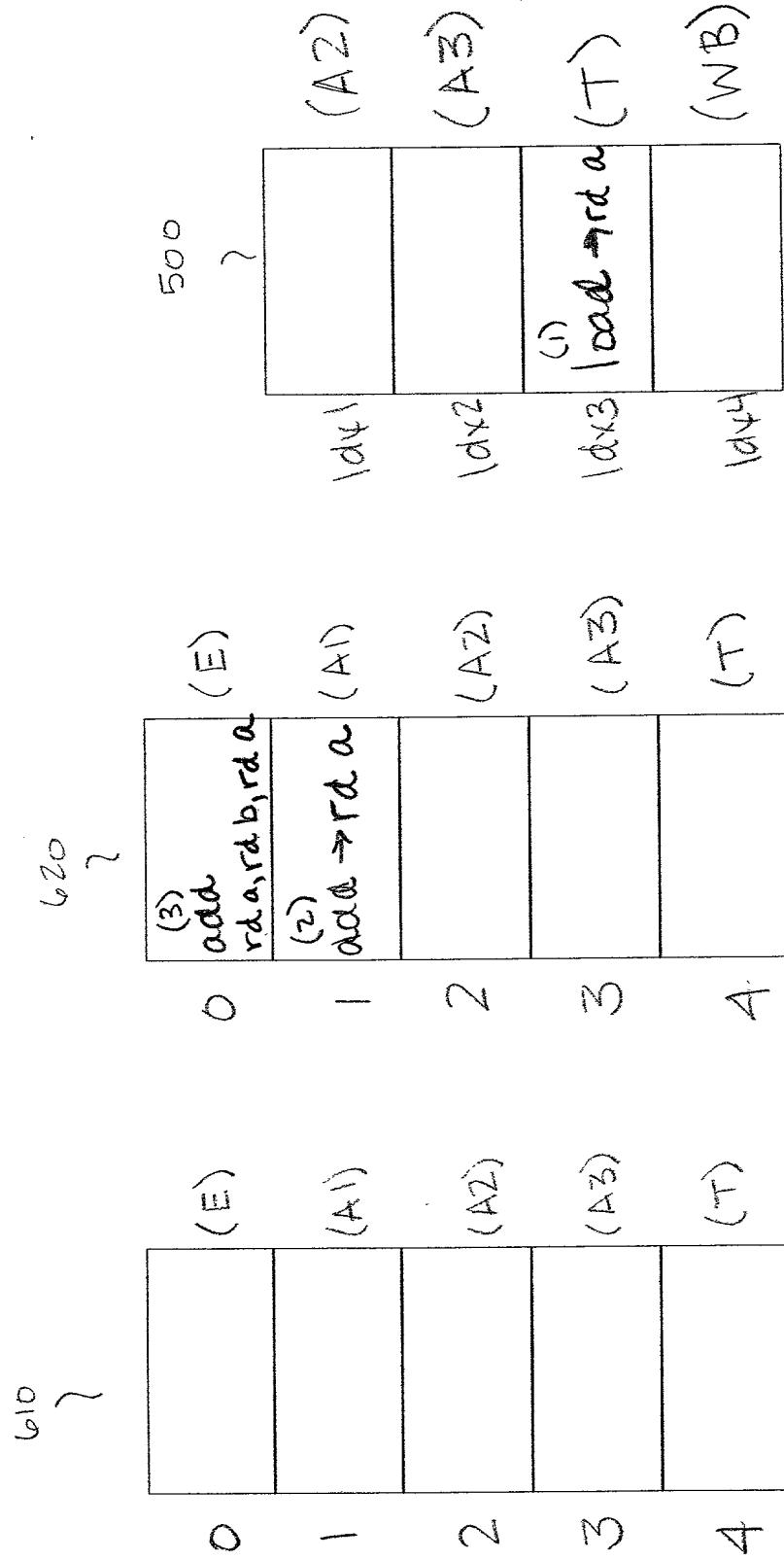


FIG. 612

MFU Annex

Load Annex

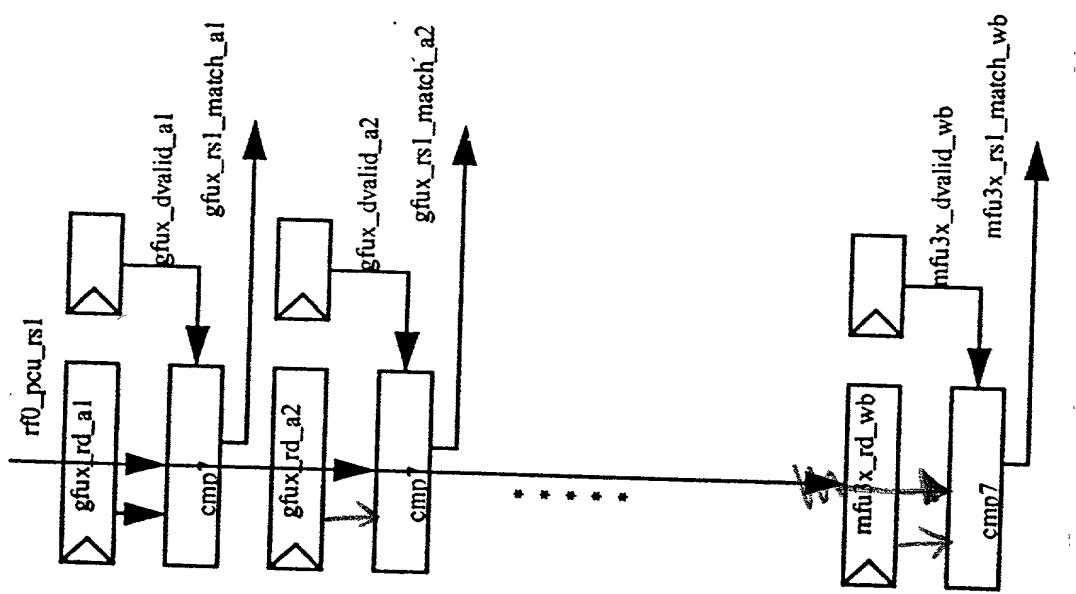


Fig. 13